

Fig. 1A

Fig. 1B

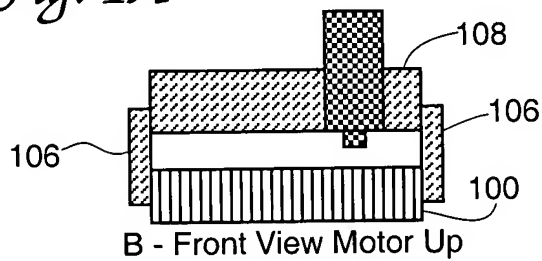


Fig. 1C

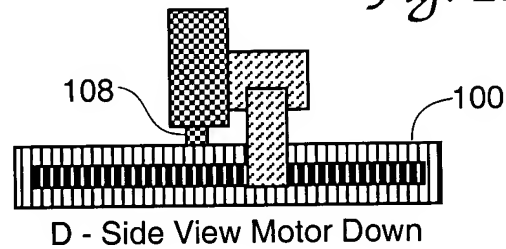


Fig. 1D

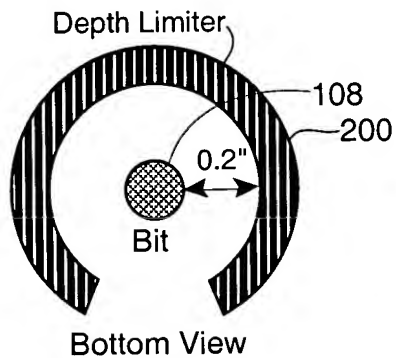


Fig. 2A

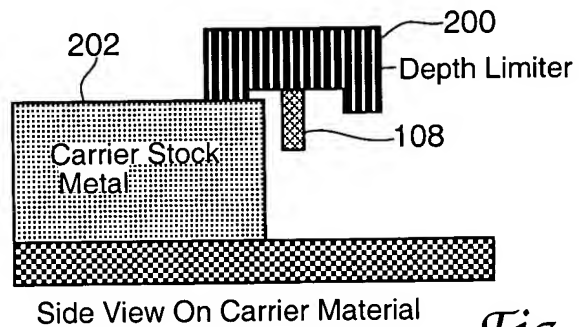


Fig. 2B

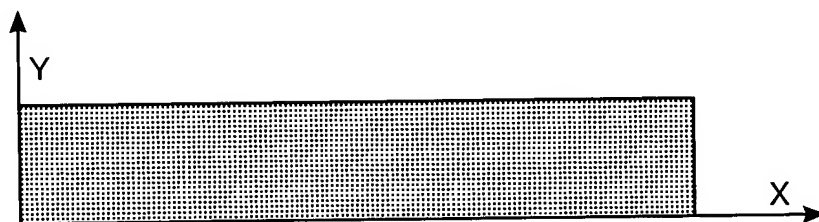
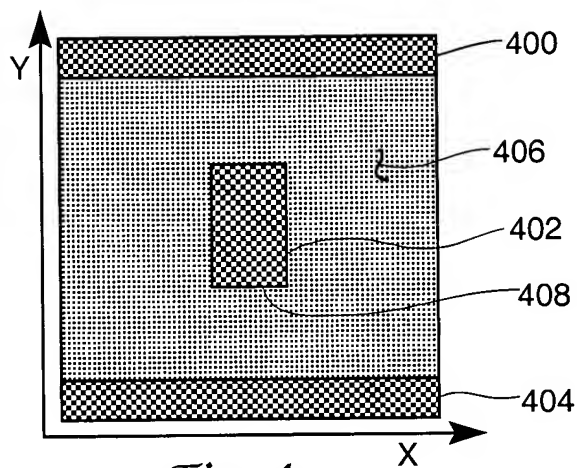
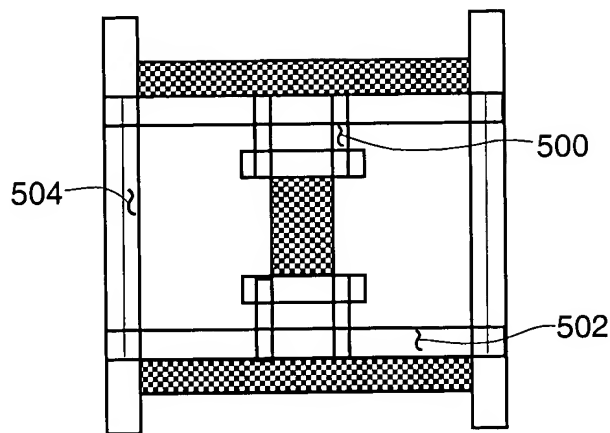


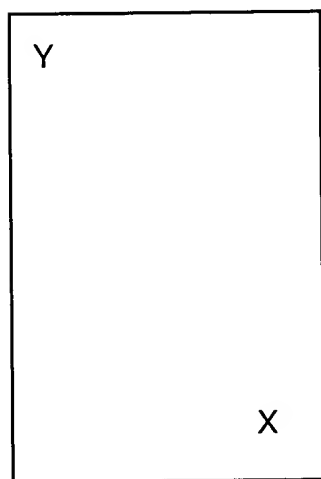
Fig. 3



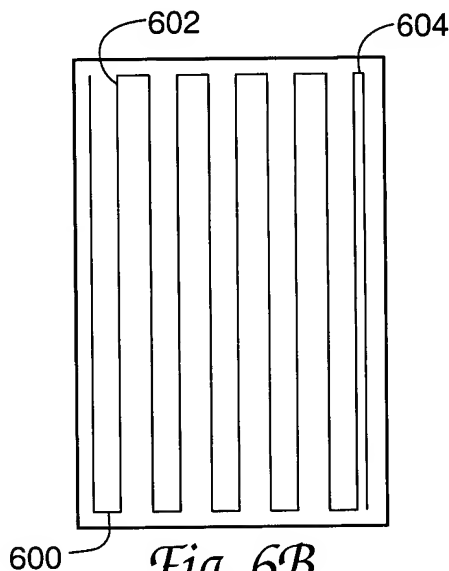
*Fig. 4*



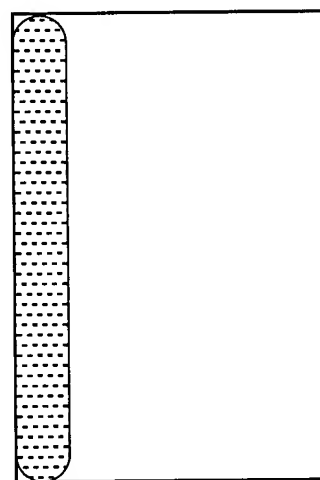
*Fig. 5*



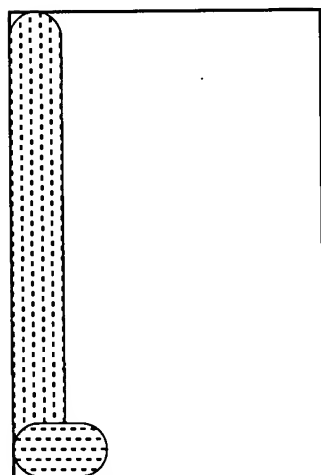
*Fig. 6A*



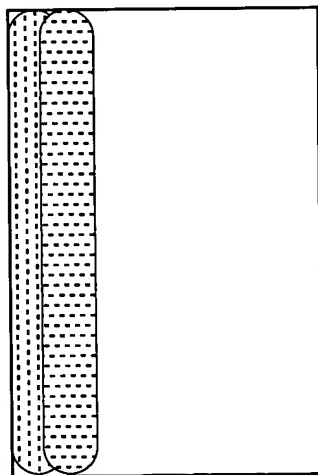
*Fig. 6B*



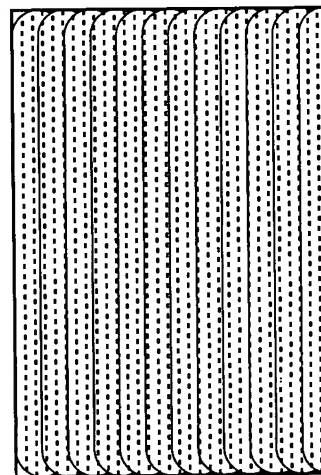
*Fig. 6C*



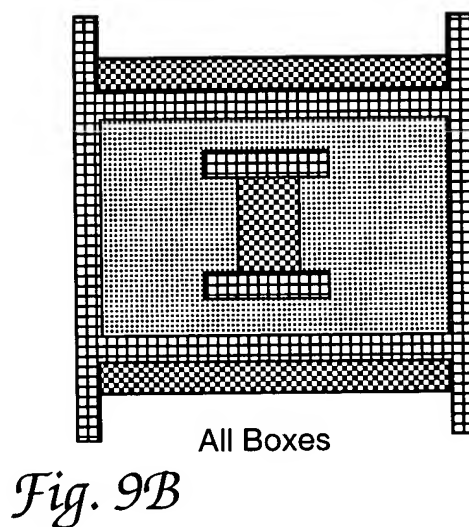
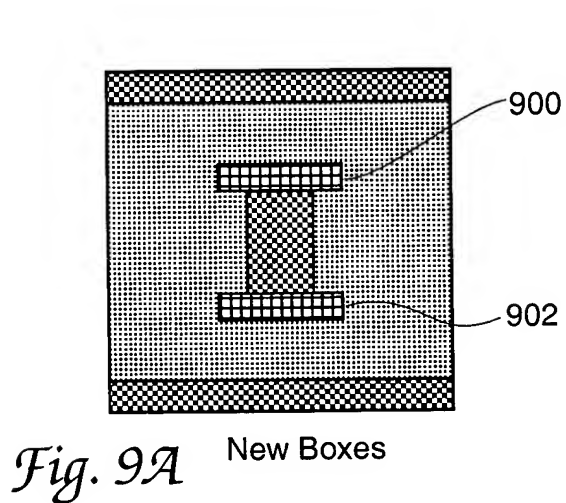
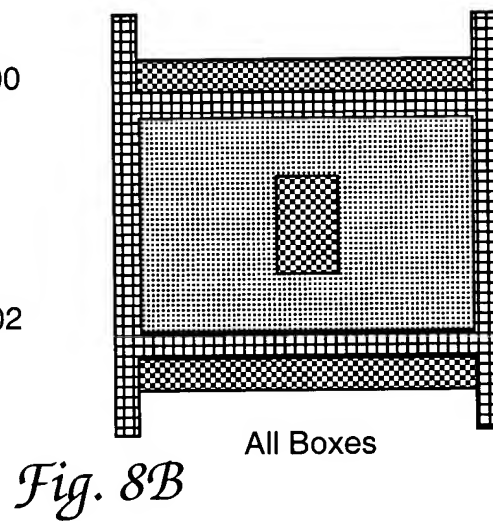
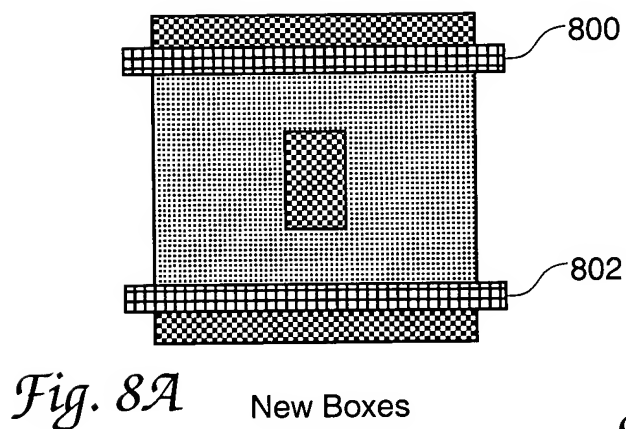
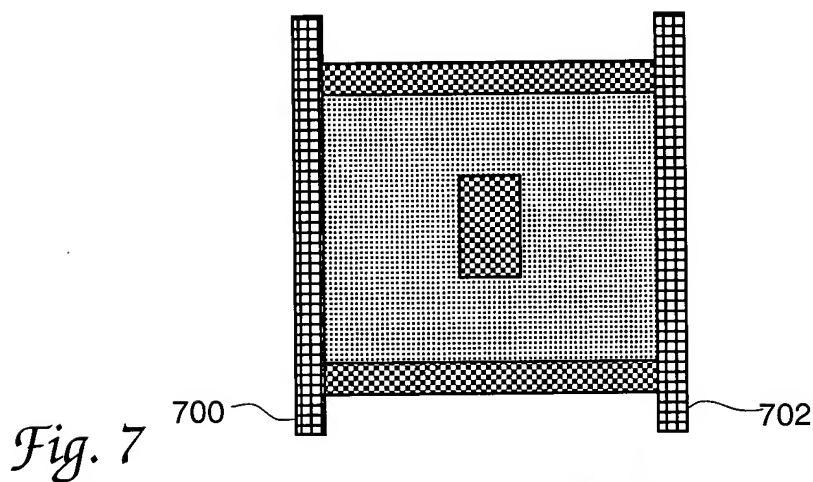
*Fig. 6D*

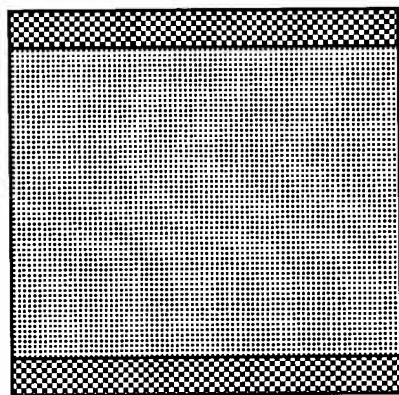


*Fig. 6E*

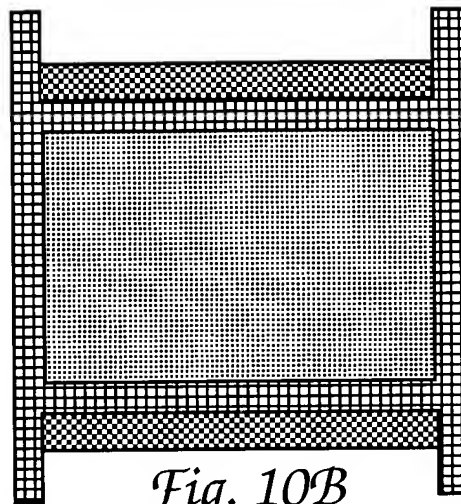


*Fig. 6F*

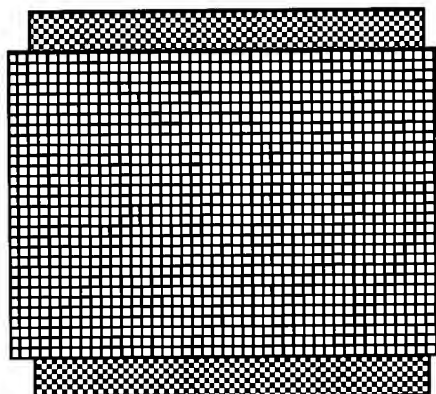




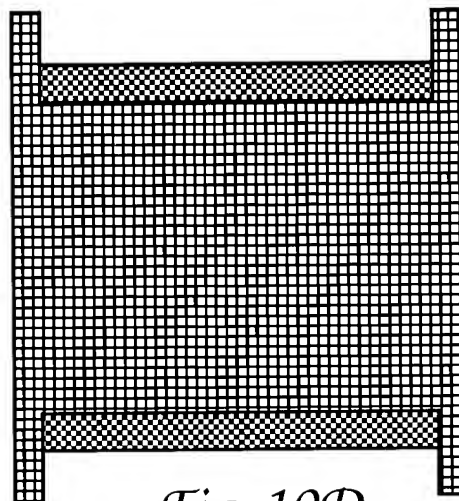
*Fig. 10A*



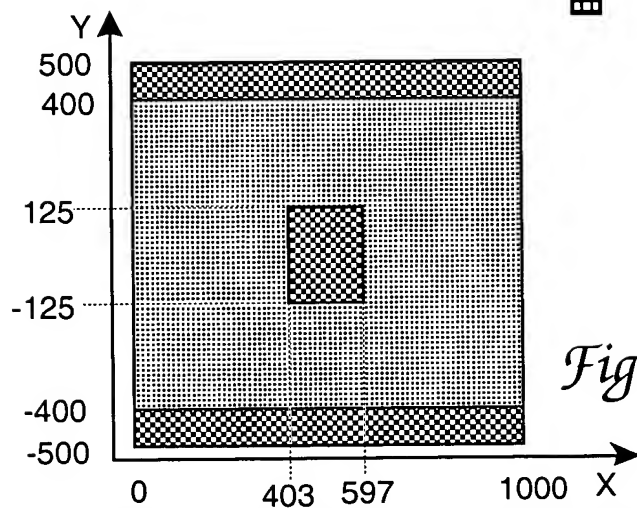
*Fig. 10B*



*Fig. 10C*

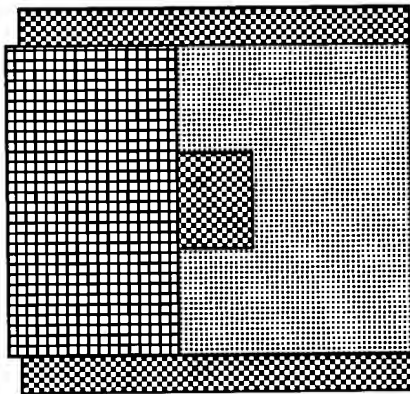


*Fig. 10D*



*Fig. 11*

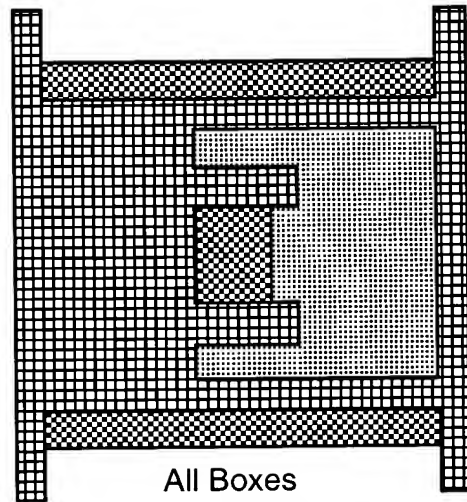
Processing Boxes 1	Completed Boxes
Xmin 0	Xmin
Ymin -360.5	Ymin
Xmax unknown	Xmax
Ymax 360.5	Ymax



New Box

Processing Boxes	1	2
Xmin	403	403
Ymin	164.5	-360.5
Xmax	unknown	unknown
Ymax	360.5	-164.5

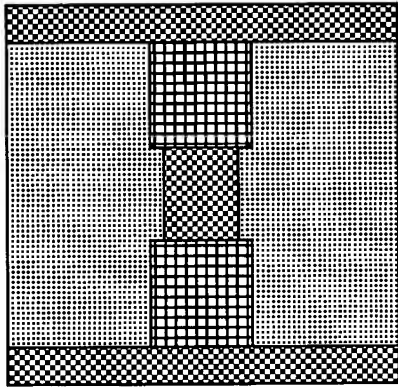
*Fig. 12A*



All Boxes

Completed Boxes	1
Xmin	0
Ymin	-360.5
Xmax	363.5
Ymax	360.5

*Fig. 12B*

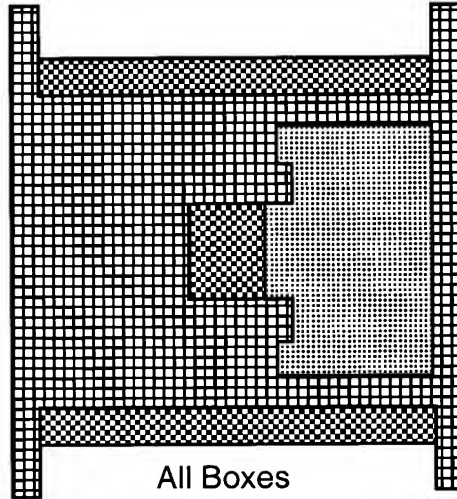


New Boxes

Processing Boxes 1

Xmin 636.5  
 Ymin -360.5  
 Xmax unknown  
 Ymax 360.5

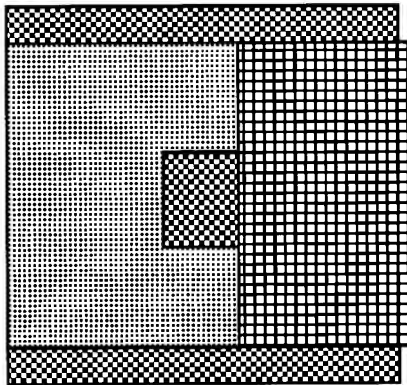
*Fig. 13A*



All Boxes

Completed Boxes	1	2	3
Xmin	0	403	403
Ymin	-360.5	164.5	-360.5
Xmax	363.5	597	597
Ymax	360.5	360.5	-164.5

*Fig. 13B*

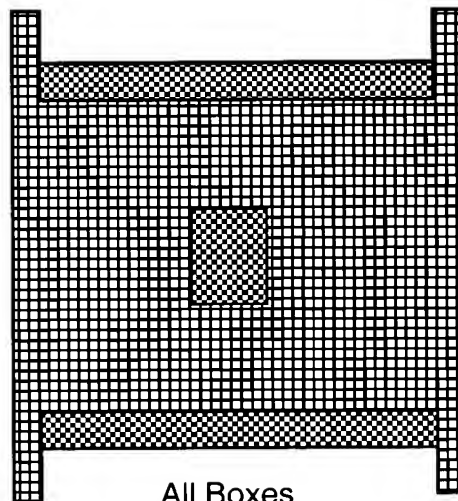


New Boxes

Processing Boxes

Xmin  
 Ymin  
 Xmax  
 Ymax

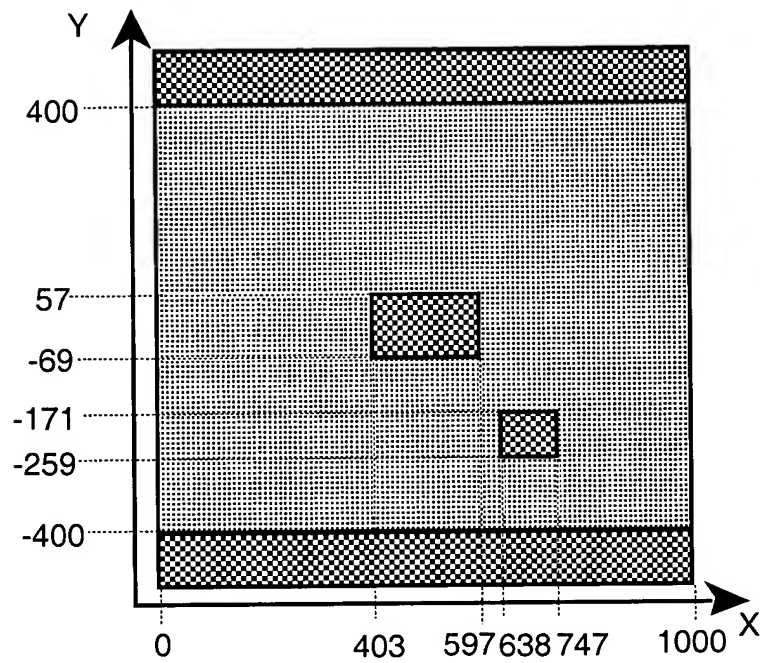
*Fig. 14A*



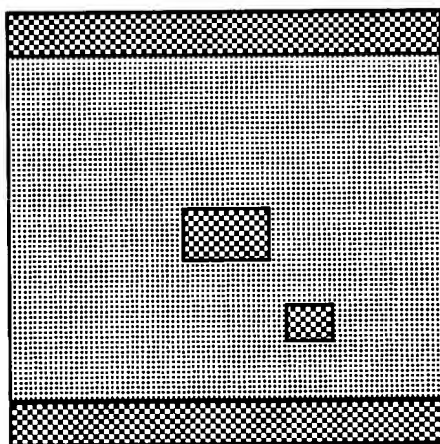
All Boxes

Completed Boxes	1	2	3	4
Xmin	0	403	403	636.5
Ymin	-360.5	164.5	-360.5	-360.5
Xmax	363.5	597	597	1000
Ymax	360.5	360.5	-164.5	360.5

*Fig. 14B*

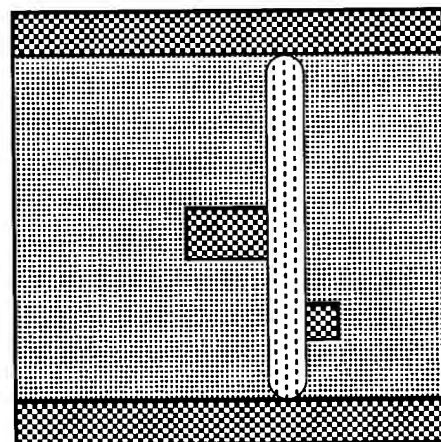


*Fig. 15*



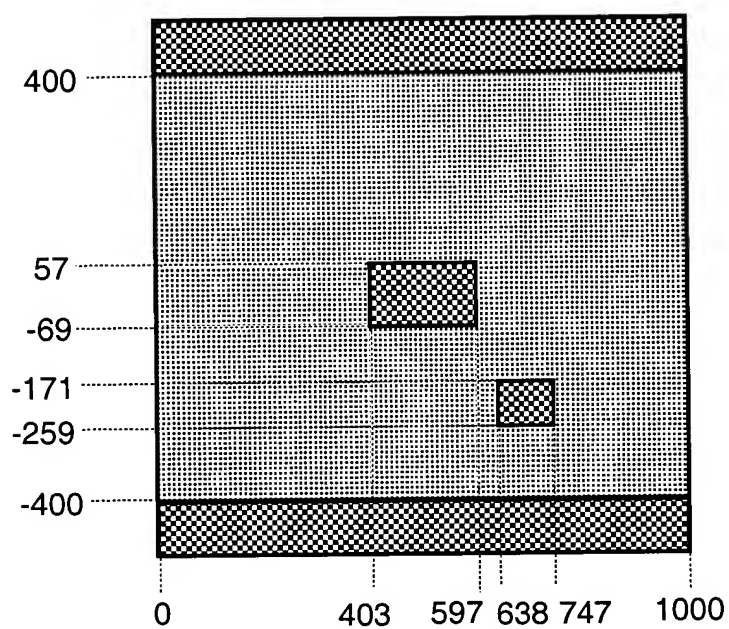
Original Carrier Layout

*Fig. 16A*



Cut Defined From Basic Algorithm

*Fig. 16B*



Processing Boxes 1

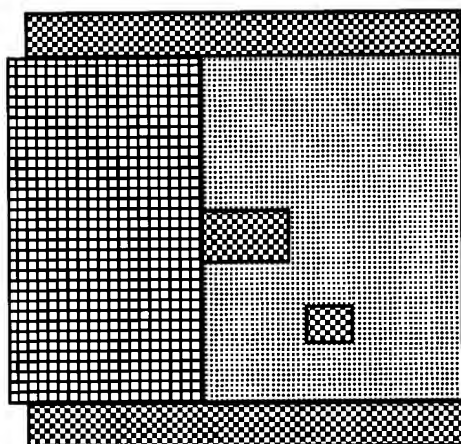
Xmin 0  
 Ymin -360.5  
 Xmax  
 Ymax 360.5

Completed Boxes

Xmin  
 Ymin  
 Xmax  
 Ymax

*Fig. 17*

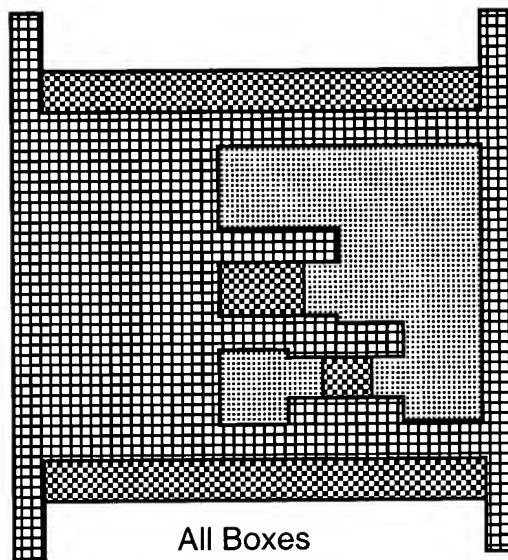




New Box

Processing Boxes 1 2  
 Xmin 403 403  
 Ymin 96.5 -360.5  
 Xmax 360.5 -108.5  
 Ymax 360.5 -108.5

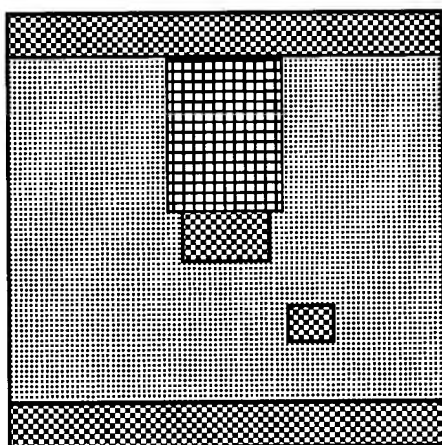
Fig. 18A



All Boxes

Completed Boxes 1  
 Xmin 0  
 Ymin -360.5  
 Xmax 363.5  
 Ymax 360.5

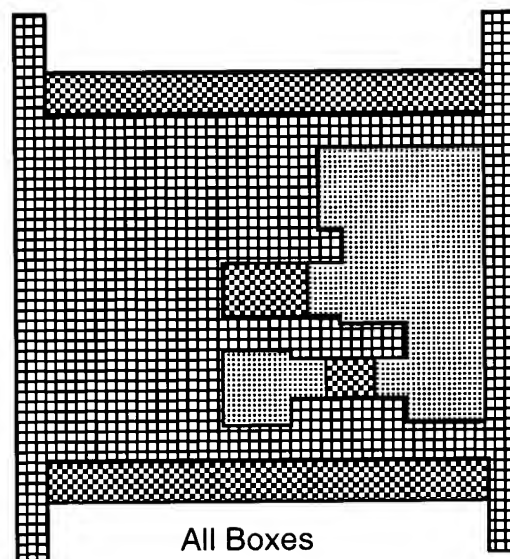
Fig. 18B



New Box

Processing Boxes 1 2  
 Xmin 403 403  
 Ymin -360.5 96.5  
 Xmax 360.5 -108.5  
 Ymax -108.5 360.5

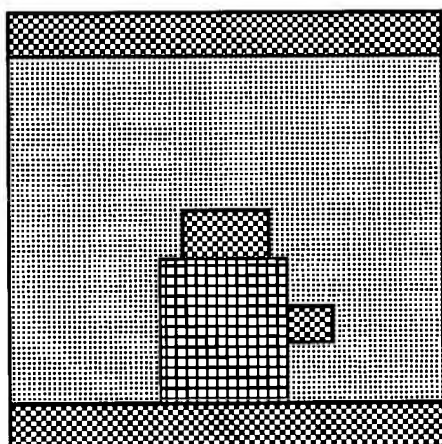
Fig. 19A



All Boxes

Completed Boxes 1 2  
 Xmin 0 403  
 Ymin -360.5 96.5  
 Xmax 363.5 597  
 Ymax 360.5 360.5

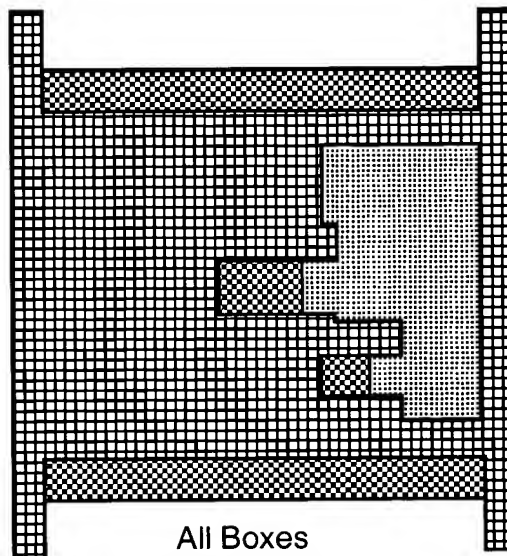
Fig. 19B



New Box

Processing Boxes

Xmin  
 Ymin  
 Xmax  
 Ymax

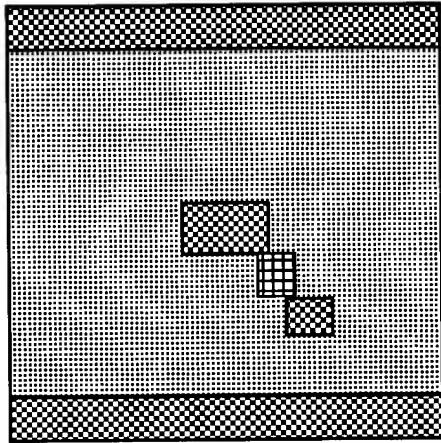


All Boxes

Completed Boxes	1	2	3
Xmin	0	403	403
Ymin	-360.5	96.5	-360.5
Xmax	363.5	597	598.5
Ymax	360.5	360.5	-108.5

Fig. 20A

Fig. 20B

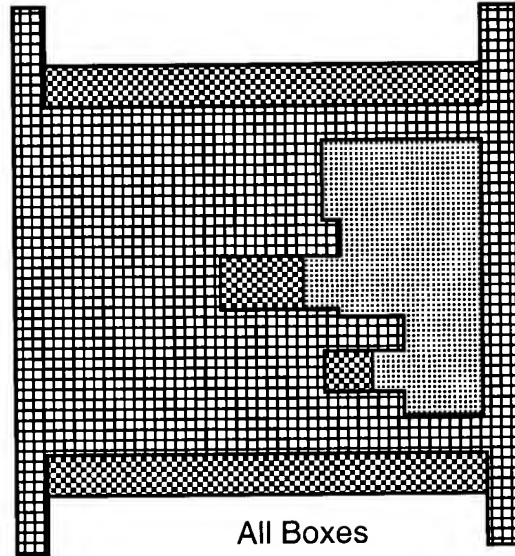


New Box

Processing Boxes

*Fig. 21A*

Xmin  
 Ymin  
 Xmax  
 Ymax

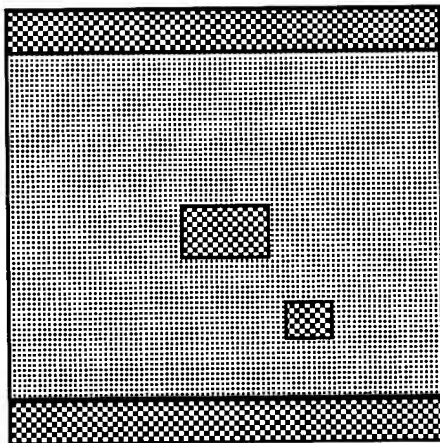


All Boxes

Completed Boxes 1 2 3 4

*Fig. 21B*

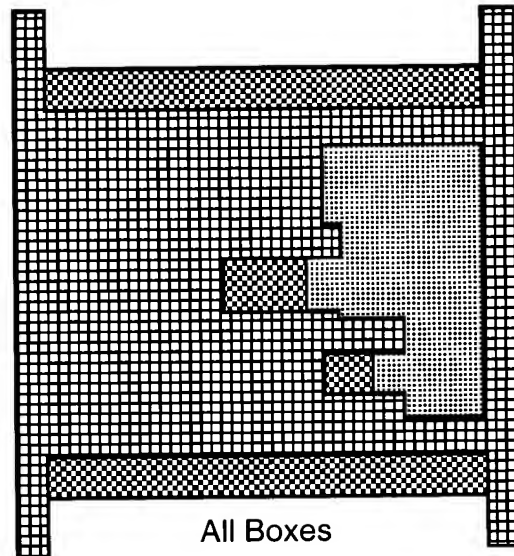
Xmin 0 403 403 620.5  
 Ymin -360.5 96.5 -360.5 -131.5  
 Xmax 363.5 597 598.5 620.5  
 Ymax 360.5 360.5-108.5 -108.5



New Box

Processing Boxes 1 2  
 Xmin 636.5 638  
 Ymin -131.5 -360.5  
 Xmax  
 Ymax 360.5 -298.5

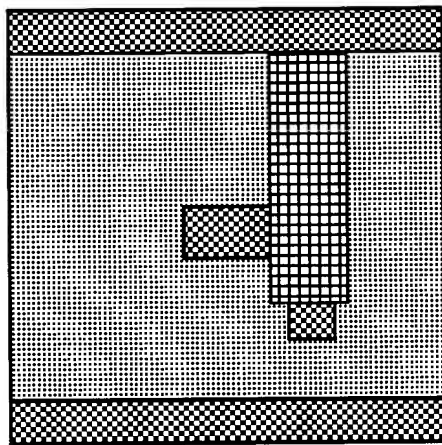
*Fig. 22A*



All Boxes

Completed Boxes 1 2 3 4  
 Xmin 0 403 403 620.5  
 Ymin -360.5 96.5 -360.5 -131.5  
 Xmax 363.5 597 598.5 620.5  
 Ymax 360.5 360.5-108.5 -108.5

*Fig. 22B*

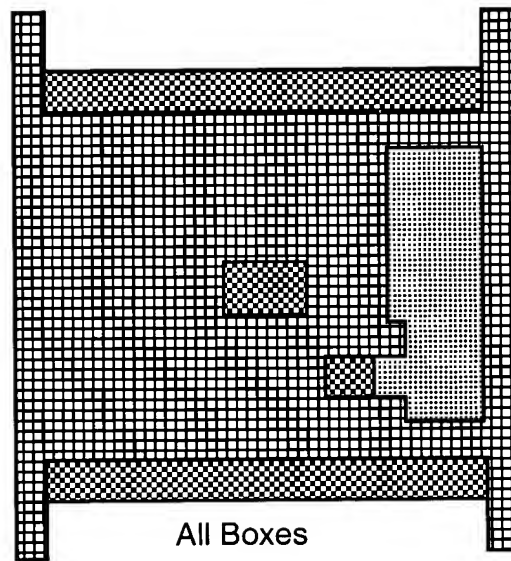


New Box

Processing Boxes 1

Xmin 638  
 Ymin -360.5  
 Xmax  
 Ymax -298.5

*Fig. 23A*

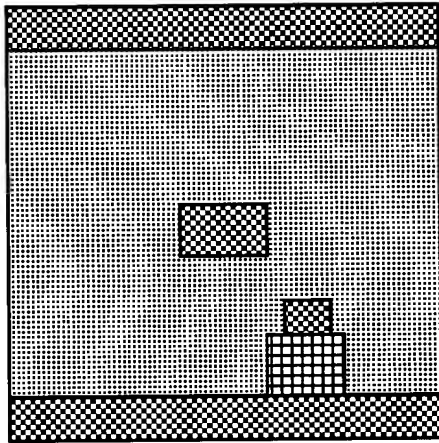


All Boxes

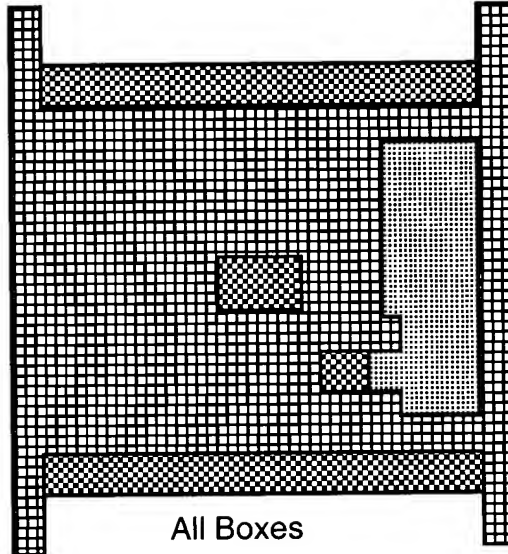
Completed Boxes 1

	2	3	4	5	
Xmin	0	403	403	620.5	636.5
Ymin	-360.5	96.5	-360.5	-131.5	-131.5
Xmax	363.5	597	598.5	620.5	747
Ymax	360.5	360.5	-108.5	-108.5	360.5

*Fig. 23B*



New Box



All Boxes

Processing Boxes

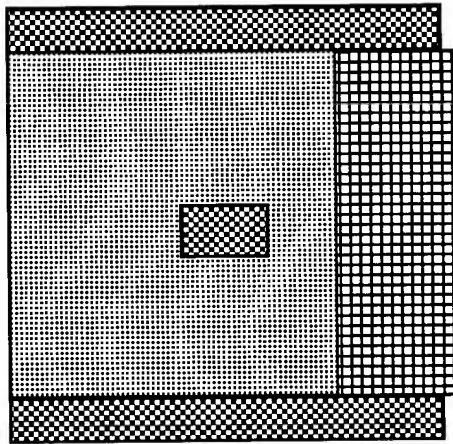
Xmin  
 Ymin  
 Xmax  
 Ymax

Completed Boxes 1

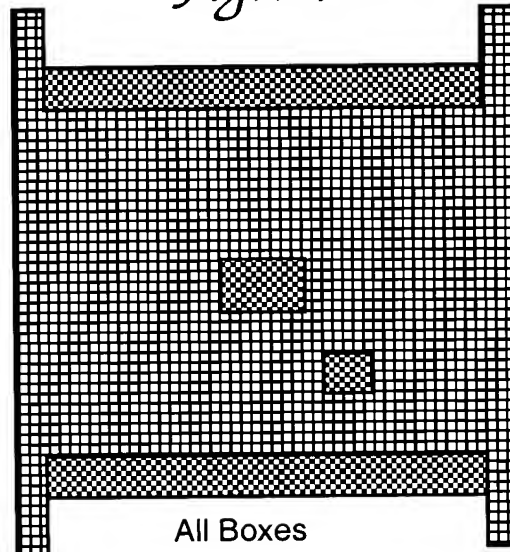
Boxes	1	2	3	4	5	6
Xmin	0	403	403	620.5	636.5	638
Ymin	-360.5	96.5	-360.5	-131.5	-131.5	-360.5
Xmax	363.5	597	598.5	620.5	747	747
Ymax	360.5	360.5	-108.5	-108.5	360.5	-131.5

Fig. 24A

Fig. 24B



New Box



All Boxes

Processing Boxes

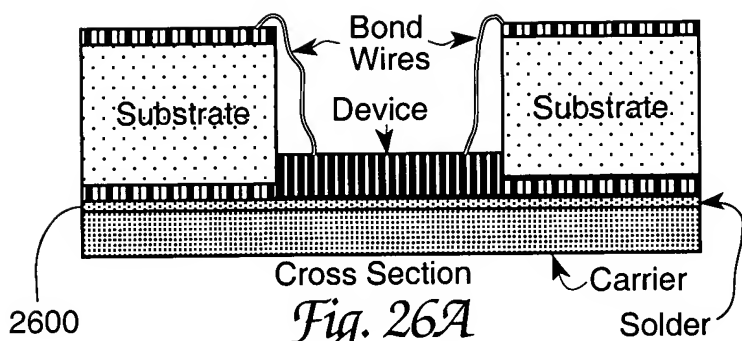
Xmin  
 Ymin  
 Xmax  
 Ymax

Completed Boxes 1

Boxes	1	2	3	4	5	6	7
Xmin	0	403	403	620.5	636.5	636.5	786.5
Ymin	-360.5	96.5	-360.5	-131.5	-131.5	-360.5	-360.5
Xmax	363.5	597	598.5	620.5	747	747	1000
Ymax	360.5	360.5	-108.5	-108.5	360.5	-131.5	360.5

Fig. 25A

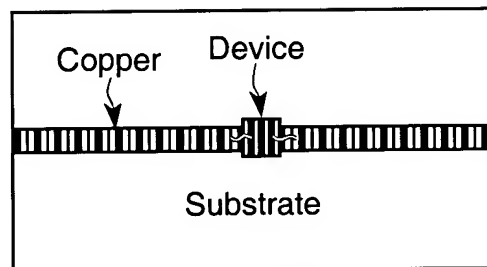
Fig. 25B



Cross Section

*Fig. 26A*

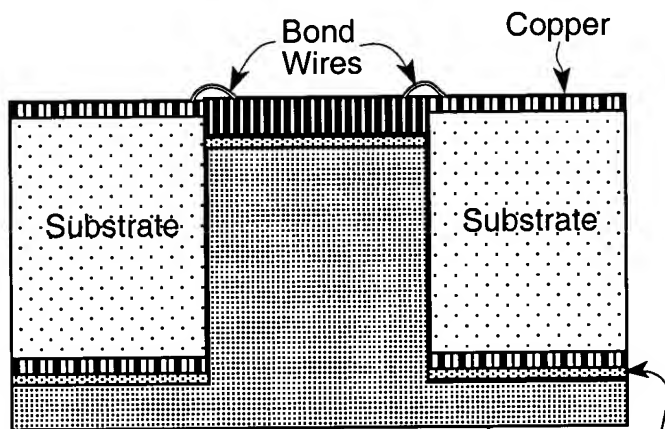
PRIOR ART



Top View

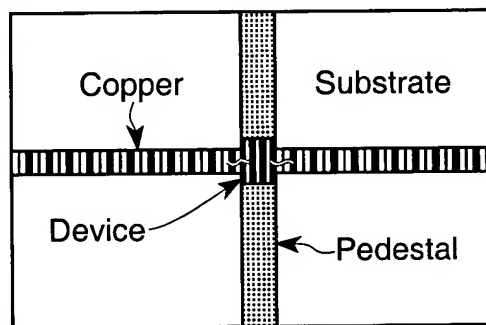
*Fig. 26B*

PRIOR ART



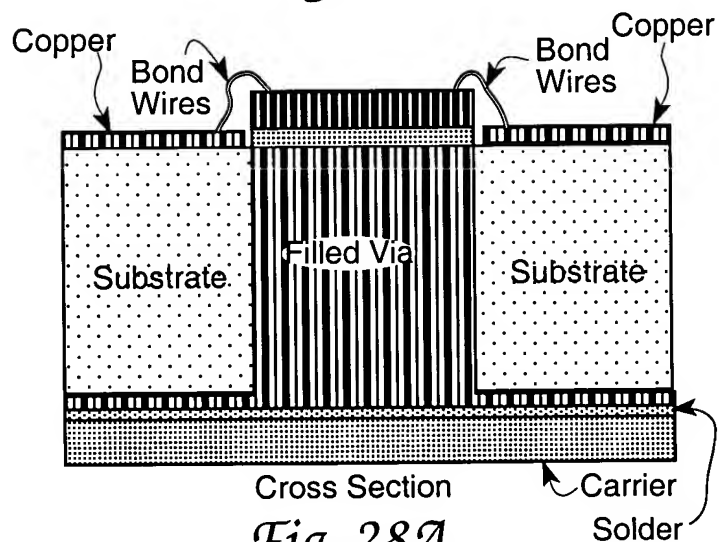
Cross Section

*Fig. 27A*



Top View

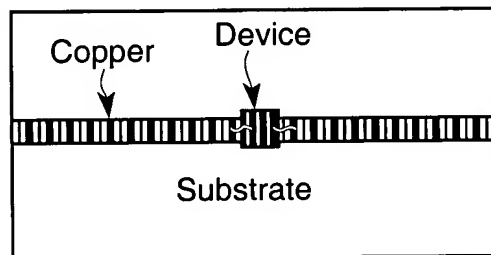
*Fig. 27B*



Cross Section

*Fig. 28A*

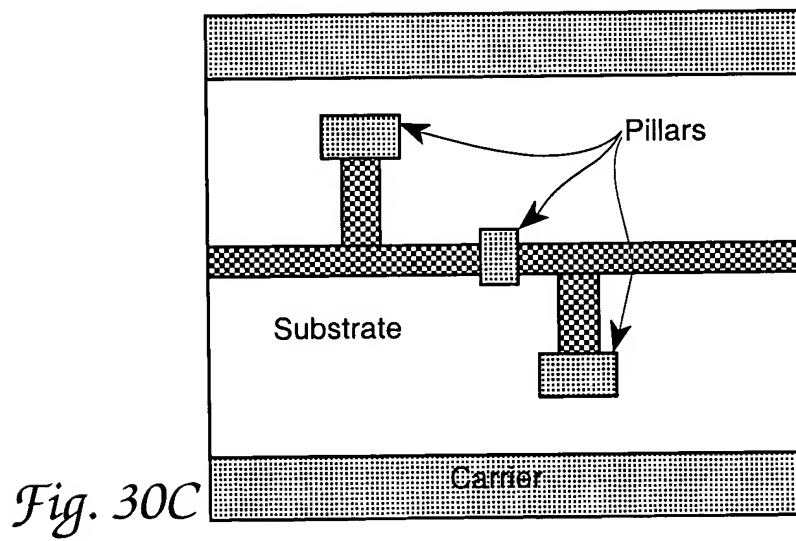
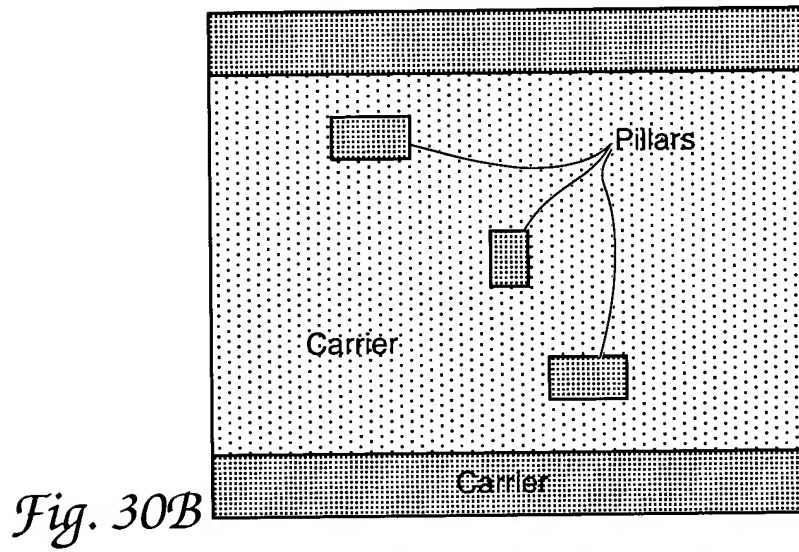
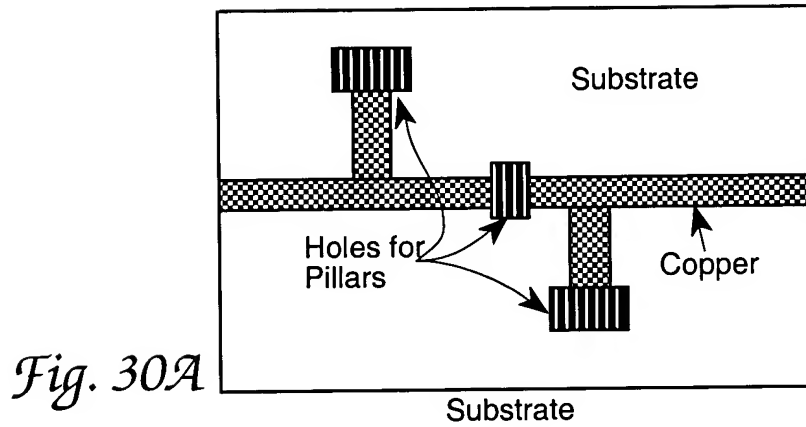
PRIOR ART

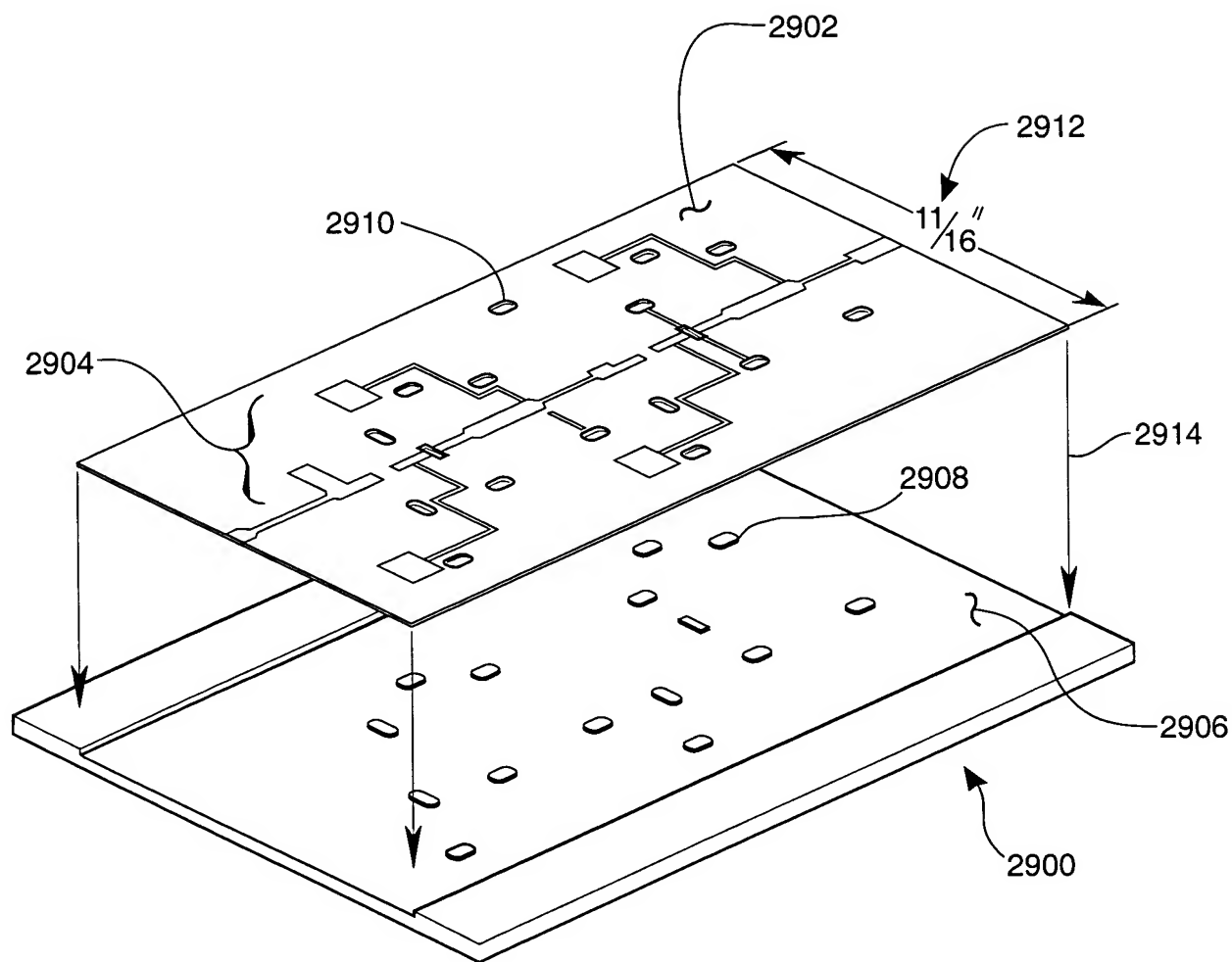


Top View

*Fig. 28B*

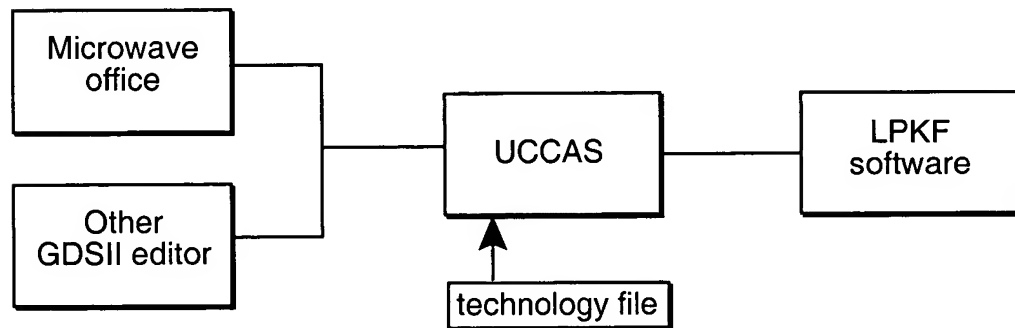
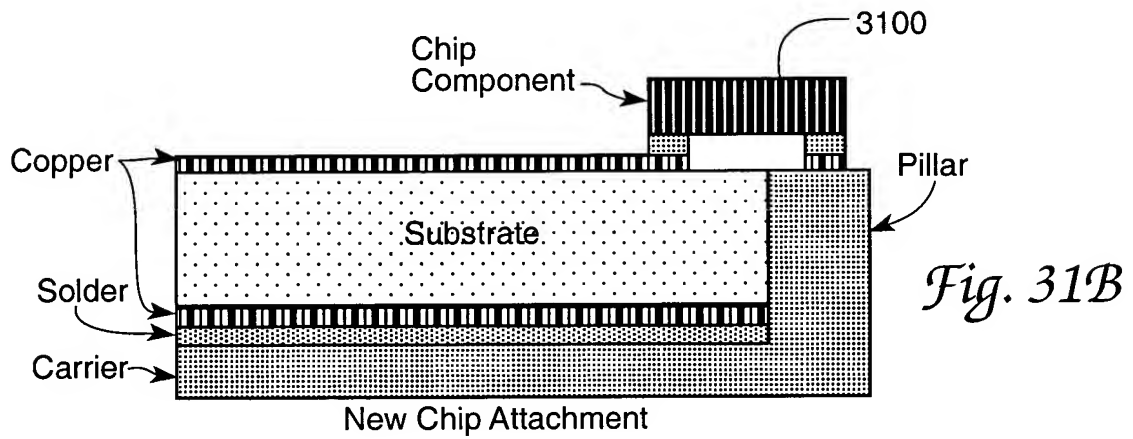
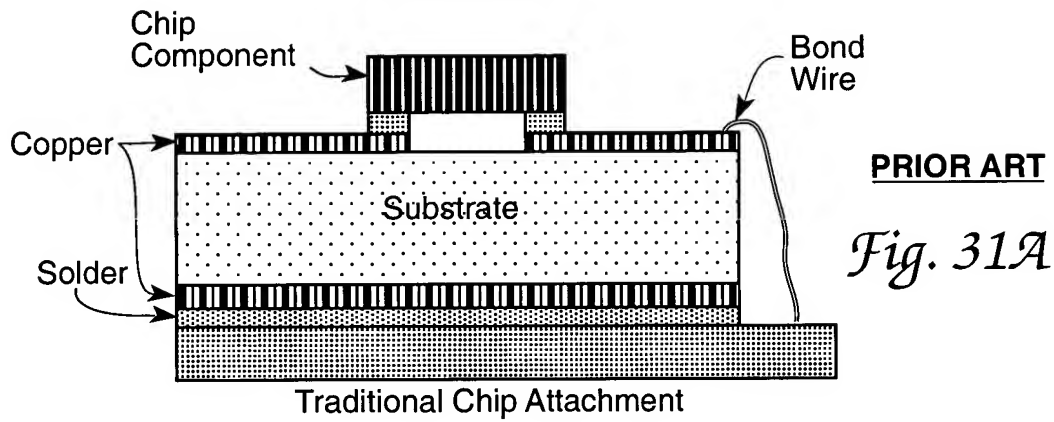
PRIOR ART





*Fig. 29*





*Fig. 32*